

BATON ROUGE/RYAN LA

Latitude = 30.53 N

WMO No. 722317

Longitude = 91.15 W

Elevation = 69 feet

Period of Record = 1973 to 1996

Average Pressure = 29.95 inches Hg

Design Criteria Data

	Design Value	Mean Coincident (Average) Values			
		Wet Bulb Temperature (°F)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Dry Bulb Temperature (T)	(°F)				
Median of Extreme Highs	96	78	118	7.4	W
0.4% Occurrence	94	78	117	7.4	W
1.0% Occurrence	92	77	118	7.5	W
2.0% Occurrence	91	77	118	7.5	W
Mean Daily Range	19	-	-	-	-
97.5% Occurrence	35	33	23	6.6	N
99.0% Occurrence	30	28	18	6.3	N
99.6% Occurrence	27	25	15	6.3	N
Median of Extreme Lows	22	20	11	8.1	N
	Design Value	Mean Coincident (Average) Values			
		Dry Bulb Temperature (°F)	Humidity Ratio (gr/lb)	Wind Speed (mph)	Prevailing Direction (NSEW)
Wet Bulb Temperature (T_{wb})	(°F)				
Median of Extreme Highs	82	90	146	7.8	W
0.4% Occurrence	80	88	138	7.5	W
1.0% Occurrence	80	88	138	7.5	W
2.0% Occurrence	79	87	134	7.3	W
	Design Value	Mean Coincident (Average) Values			
		Dry Bulb Temperature (°F)	Vapor Pressure (in. Hg)	Wind Speed (mph)	Prevailing Direction (NSEW)
Humidity Ratio (HR)	(gr/lb)				
Median of Extreme Highs	156	86	1.03	7.4	S
0.4% Occurrence	146	84	0.97	6.8	W
1.0% Occurrence	141	83	0.94	7.0	W
2.0% Occurrence	137	82	0.90	6.6	W
Air Conditioning/ Humid Area Criteria	# of Hours	T ≥ 93°F	T ≥ 80°F	T _{wb} ≥ 73°F	T _{wb} ≥ 67°F
		80	1735	2213	3994

Other Site Data

Weather Region	Rain Rate 100 Year Recurrence (in./hr)	Basic Wind Speed 3 sec gust @ 33 ft 50 Year Recurrence (mph)	Ventilation Cooling Load Index (Ton-hr/cfm/yr) Base 75°F-RH 60% Latent + Sensible
10	4.0	120	7.8 + 1.8
Ground Water Temperature (°F) 50 Foot Depth *	Frost Depth 50 Year Recurrence (in.)	Ground Snow Load 50 Year Recurrence (lb/ft ²)	Average Annual Freeze-Thaw Cycles (#)
69.4	N/A	N/A	14

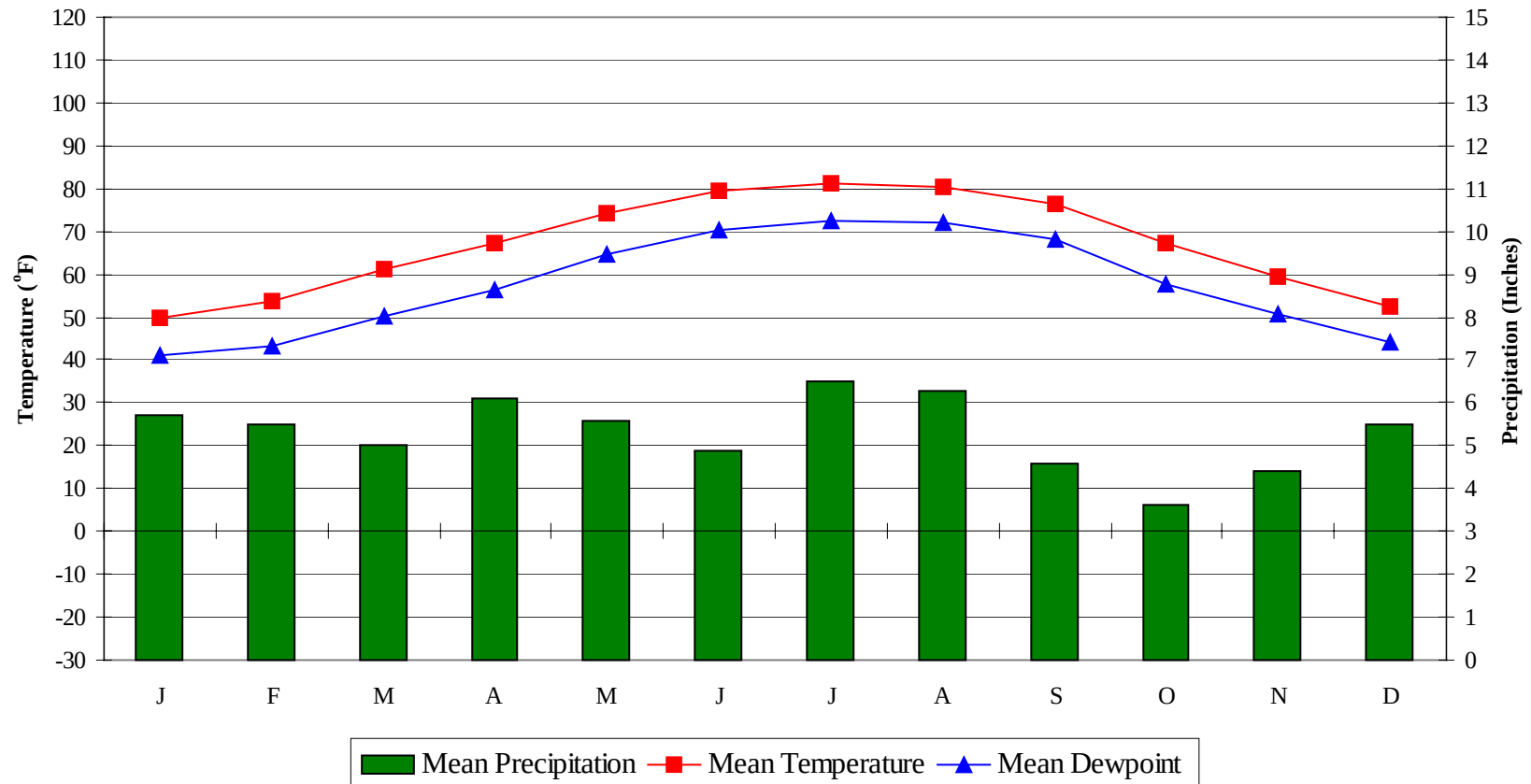
*Note: Temperatures at greater depths can be estimated by adding 1.5°F per 100 feet additional depth.

BATON ROUGE/RYAN

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Average Annual Climate

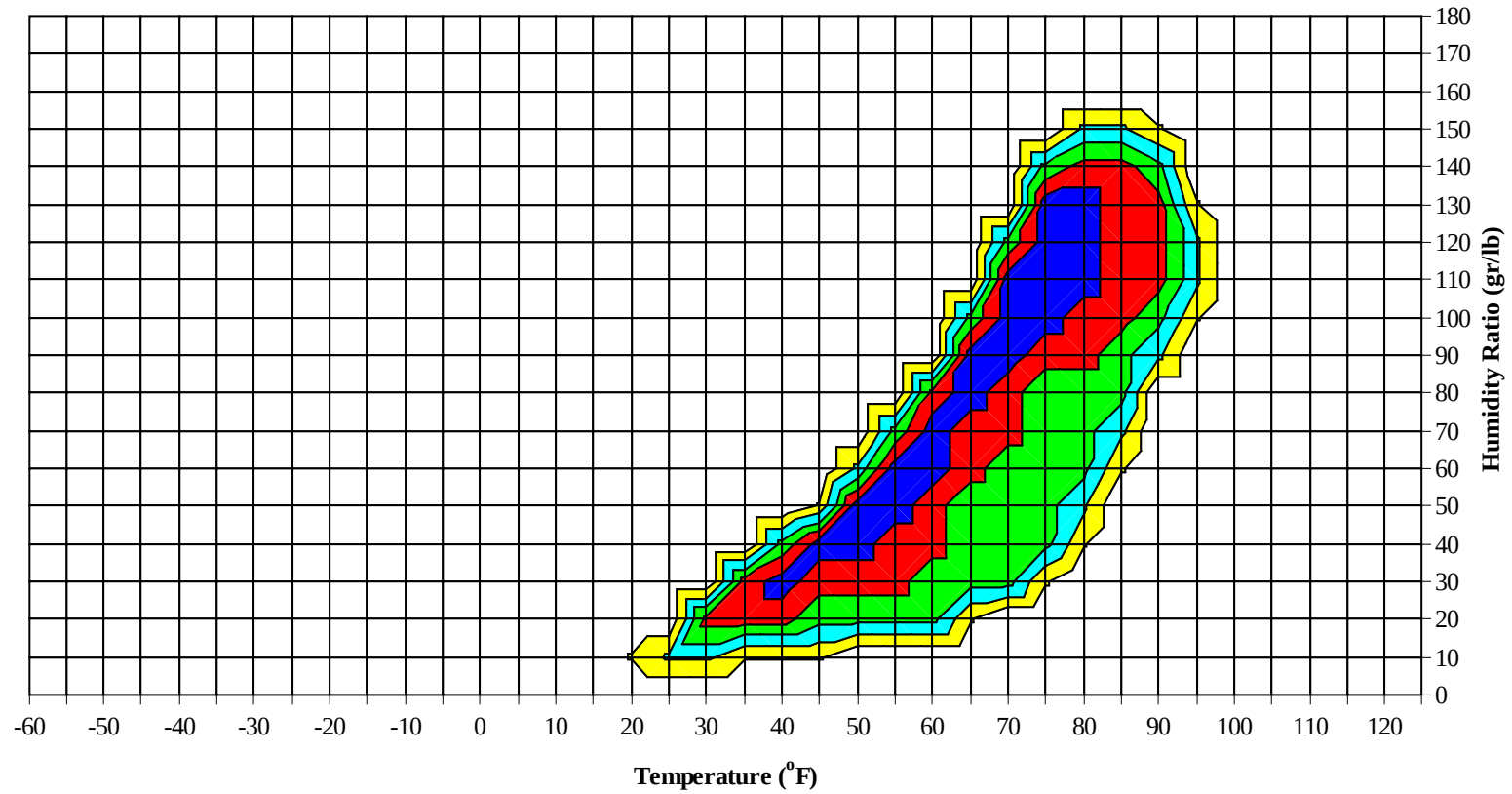


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WMO No. 722317

Long Term Psychrometric Summary

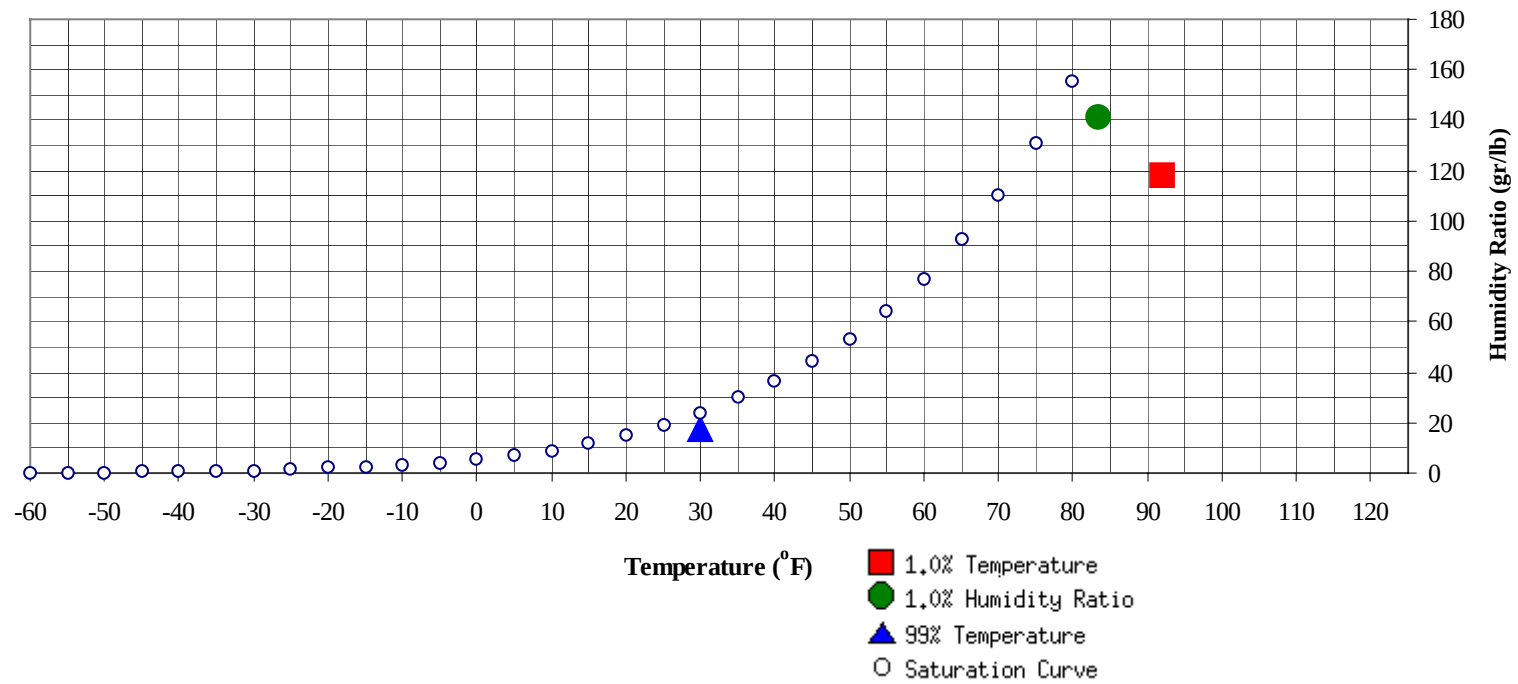


- 50% of all observations
- 80% of all observations
- 95% of all observations
- 97.5% of all observations
- 99% of all observations

BATON ROUGE/RYAN LA

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Psychrometric Summary of Peak Design Values



99% Dry Bulb	(°F)	MCHR (gr/lb)	Enthalpy (btu/lb)	1.0% Humidity Ratio	(gr/lb)	MCDB (°F)	MCWB (°F)	MC Dewpt (°F)	Enthalpy (btu/lb)
	30	17.6	9.9		141.4	83.4	78.7	77	42.2

1.0% Dry Bulb	(°F)	MCHR (gr/lb)	MCWB (°F)	Enthalpy (btu/lb)
	92	117.9	77.4	40.6

BATON ROUGE/RYAN LA

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Dry-Bulb Temperature Hours For An Average Year (Sheet 1 of 5)

Period of Record = 1973 to 1996

Temperature Range (°F)	January					February					March				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
95 / 99															
90 / 94															
85 / 89							0		0	70.0		1	0	1	70.4
80 / 84		1		1	69.8		2	0	2	69.2		19	2	21	68.1
75 / 79		7	1	8	68.1		13	2	15	65.3	1	40	17	58	66.3
70 / 74	5	18	10	33	65.3	4	31	15	50	63.7	17	48	39	104	64.4
65 / 69	9	26	19	54	61.6	17	34	28	79	60.8	32	44	46	122	60.9
60 / 64	17	31	26	74	57.1	21	34	34	89	56.6	40	38	48	126	56.8
55 / 59	24	39	36	99	52.6	27	30	35	92	52.0	39	25	39	103	52.3
50 / 54	34	37	39	110	47.9	30	29	35	94	47.3	43	17	29	89	47.9
45 / 49	33	32	38	103	43.0	36	20	30	86	42.9	33	8	15	56	43.4
40 / 44	38	26	36	100	38.5	32	16	22	70	38.4	25	5	8	38	39.3
35 / 39	37	17	25	79	34.0	28	9	14	51	34.0	12	2	4	18	34.3
30 / 34	30	8	14	52	29.7	19	3	6	28	29.8	4	1	1	6	29.6
25 / 29	17	2	4	23	25.3	7	2	2	11	25.3	2	0	1	3	24.6
20 / 24	5	1	1	7	20.1	2	0	1	3	21.1	1	0		1	20.5
15 / 19	1	0	0	1	15.7	1		0	1	15.5					
10 / 14	1	0	0	1	9.4										
5 / 9	0			0	8.0										

Caution: This summary reflects the typical distribution of temperature in a typical year. It does not reflect the typical moisture distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary and the ventilation and infiltration load pages in this manual.

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Dry-Bulb Temperature Hours For An Average Year (Sheet 2 of 5)

Period of Record = 1973 to 1996

Temperature Range (°F)	April					May					June				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
95 / 99						0			0	77.1		3	0	3	77.8
90 / 94		0		0	67.3	10	1	11	75.6		54	11	65	76.6	
85 / 89		9	1	10	70.7	58	13	71	73.2		2	94	30	126	75.5
80 / 84		55	11	66	69.0	4	84	38	126	71.2	26	56	65	148	74.5
75 / 79	7	62	37	105	67.0	31	56	68	155	70.0	79	22	76	177	73.2
70 / 74	32	51	60	143	64.9	78	27	71	176	68.1	100	9	51	159	70.4
65 / 69	50	33	52	135	62.0	75	11	41	127	64.4	26	1	6	33	65.1
60 / 64	49	17	42	108	57.8	37	1	12	50	59.3	7		1	8	59.7
55 / 59	44	8	22	74	53.2	16		4	20	54.6	1		0	1	55.7
50 / 54	34	3	12	49	48.7	6		0	6	50.3	0			0	51.0
45 / 49	16	1	4	21	44.5	1			1	44.5					
40 / 44	6	0	1	7	40.4										
35 / 39	2		0	2	36.1										
30 / 34	0			0	32.8										
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															

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Dry-Bulb Temperature Hours For An Average Year (Sheet 3 of 5)

Period of Record = 1973 to 1996

Temperature Range (°F)	July					August					September				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
95 / 99		7	1	8	78.8		5	0	5	78.1		1	0	1	77.7
90 / 94		79	17	96	77.8		69	11	80	77.6		30	2	32	76.3
85 / 89	3	94	33	130	77.0	1	97	27	125	76.8	0	79	15	94	75.2
80 / 84	39	44	76	159	76.1	25	49	64	137	75.9	6	68	41	115	73.8
75 / 79	117	19	91	227	74.1	104	24	108	236	74.1	54	38	88	180	72.7
70 / 74	86	5	30	121	71.2	108	4	36	148	71.1	105	17	61	183	69.7
65 / 69	4		0	4	66.3	9		2	11	64.9	40	5	19	64	64.0
60 / 64						2		0	2	61.1	20	1	9	30	59.0
55 / 59											10	0	4	14	54.3
50 / 54											6		1	7	50.2
45 / 49											0			0	46.4
40 / 44															
35 / 39															
30 / 34															
25 / 29															
20 / 24															
15 / 19															
10 / 14															
5 / 9															

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Dry-Bulb Temperature Hours For An Average Year (Sheet 4 of 5)

Period of Record = 1973 to 1996

Temperature Range (°F)	October					November					December				
	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00			01 To 08	09 To 16	17 To 00		
95 / 99															
90 / 94		2		2	75.7										
85 / 89		19	1	20	73.0		0		0	74.3					
80 / 84	1	60	10	71	70.3		19	0	19	70.6		2	0	2	72.4
75 / 79	10	61	33	104	68.2	3	38	12	53	68.9	1	18	3	22	69.1
70 / 74	38	49	59	146	66.3	21	41	31	93	66.4	10	26	16	52	66.6
65 / 69	44	30	49	123	62.6	27	39	38	104	62.0	15	31	24	70	62.4
60 / 64	44	16	42	102	58.4	32	35	38	105	57.4	26	39	32	97	57.6
55 / 59	43	7	31	81	53.8	29	28	35	92	52.4	25	38	34	97	52.2
50 / 54	38	2	17	57	49.2	35	22	35	92	48.1	30	35	39	104	47.5
45 / 49	23	0	5	28	44.9	35	11	25	71	43.6	31	25	34	90	42.9
40 / 44	8	0	1	9	40.6	26	4	17	47	39.4	30	16	33	79	38.7
35 / 39	1	0	0	1	35.2	20	1	7	28	35.1	39	11	20	70	34.5
30 / 34	0		0	0	30.3	10	0	2	12	31.3	27	3	9	39	30.0
25 / 29						2	0	0	2	26.4	10	1	2	13	25.3
20 / 24						0		0	0	22.4	3	1	1	5	19.7
15 / 19											1	0	1	2	14.7
10 / 14											1	0	0	1	10.1
5 / 9											0			0	7.0

Caution: This summary reflects the typical distribution of temperature in a typical year. It does not reflect the typical moisture distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary and the ventilation and infiltration load pages in this manual.

BATON ROUGE/RYAN LA WMO No. 722317
Dry-Bulb Temperature Hours For An Average Year (Sheet 5 of 5)
Period of Record = 1973 to 1996

Annual Totals					
Temperature Range (°F)	Hour Group (LST)			Total Obs	M C W B (°F)
	01 To 08	09 To 16	17 To 00		
95 / 99		16	2	18	78.3
90 / 94		246	43	288	77.2
85 / 89	5	451	121	576	75.6
80 / 84	100	457	307	864	73.4
75 / 79	406	397	534	1337	71.6
70 / 74	600	327	476	1403	68.0
65 / 69	345	255	321	921	62.5
60 / 64	293	216	284	794	57.6
55 / 59	256	177	239	673	52.7
50 / 54	255	147	207	610	48.0
45 / 49	208	99	153	460	43.3
40 / 44	167	68	118	353	38.8
35 / 39	140	41	71	252	34.3
30 / 34	92	15	32	139	30.0
25 / 29	37	5	9	51	25.3
20 / 24	11	2	2	15	20.3
15 / 19	3	1	1	5	15.1
10 / 14	2	0	1	3	9.8
5 / 9	0			0	7.3

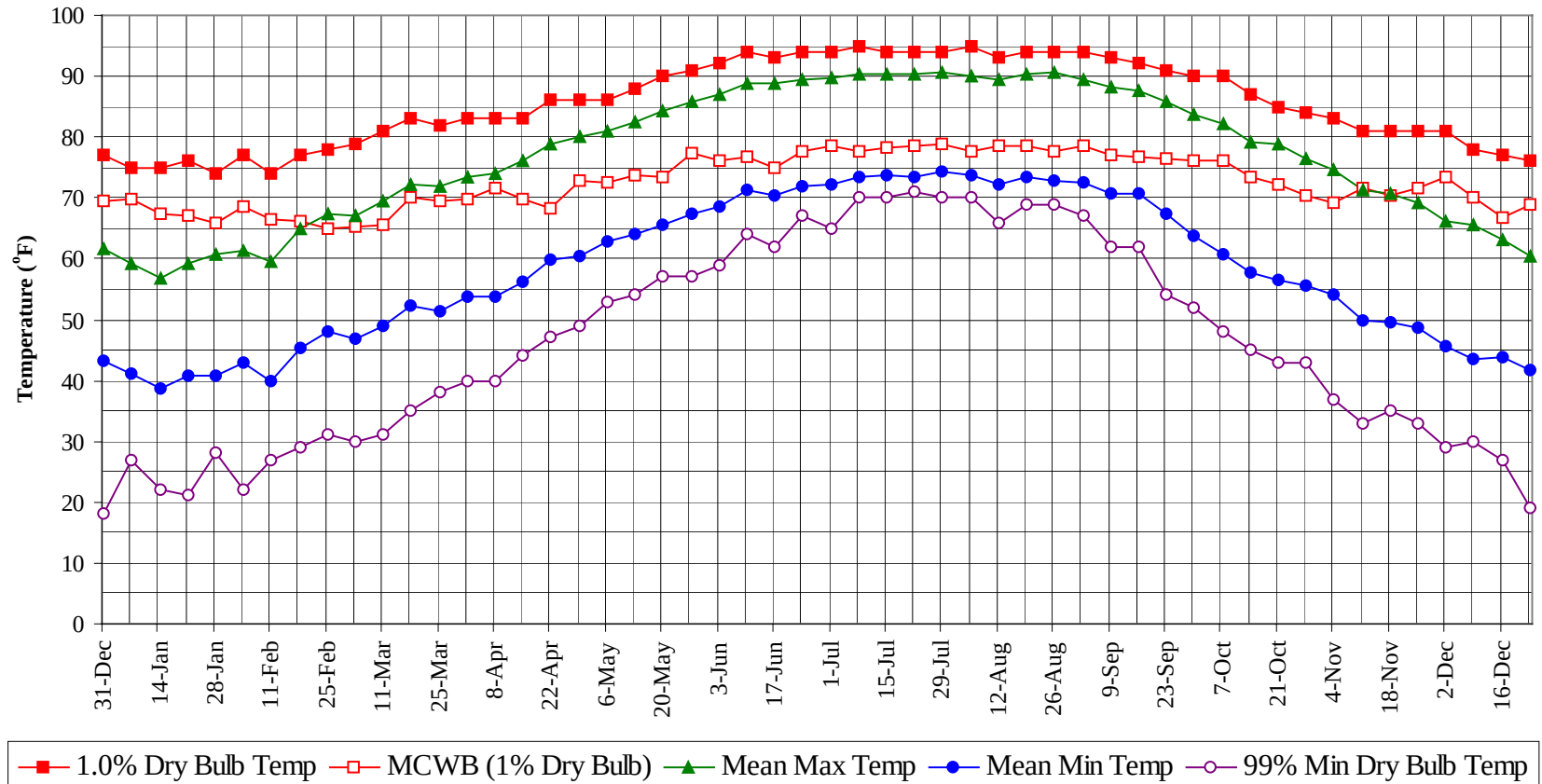
Caution: This summary reflects the typical distribution of temperature in a typical year. It does not reflect the typical moisture distribution. Because wet bulb temperatures are averaged, this summary understates the annual moisture load. For accurate moisture load data, see the long-term humidity summary and the ventilation and infiltration load pages in this manual.

BATON ROUGE/RYAN

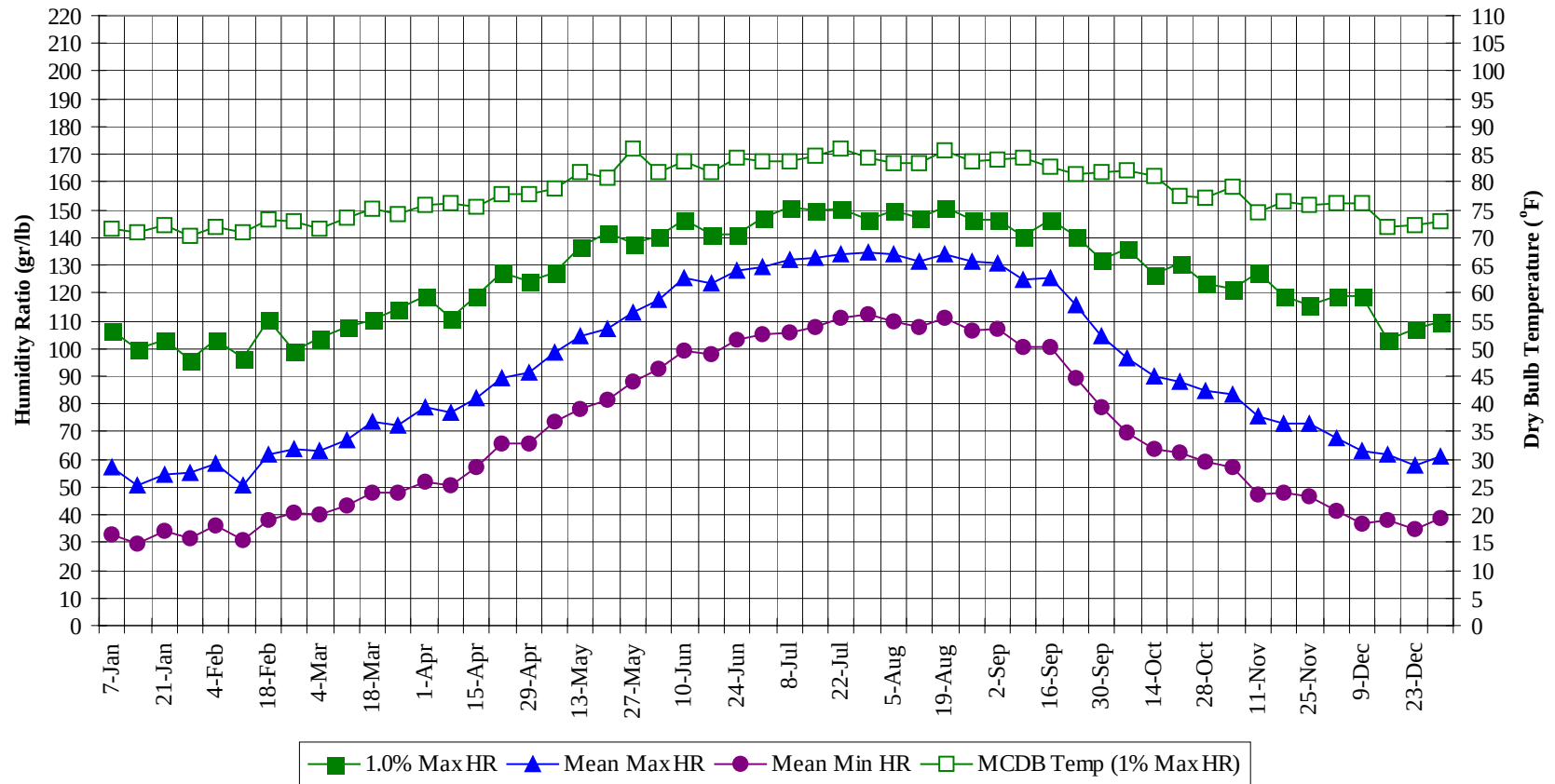
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Annual Summary of Temperatures

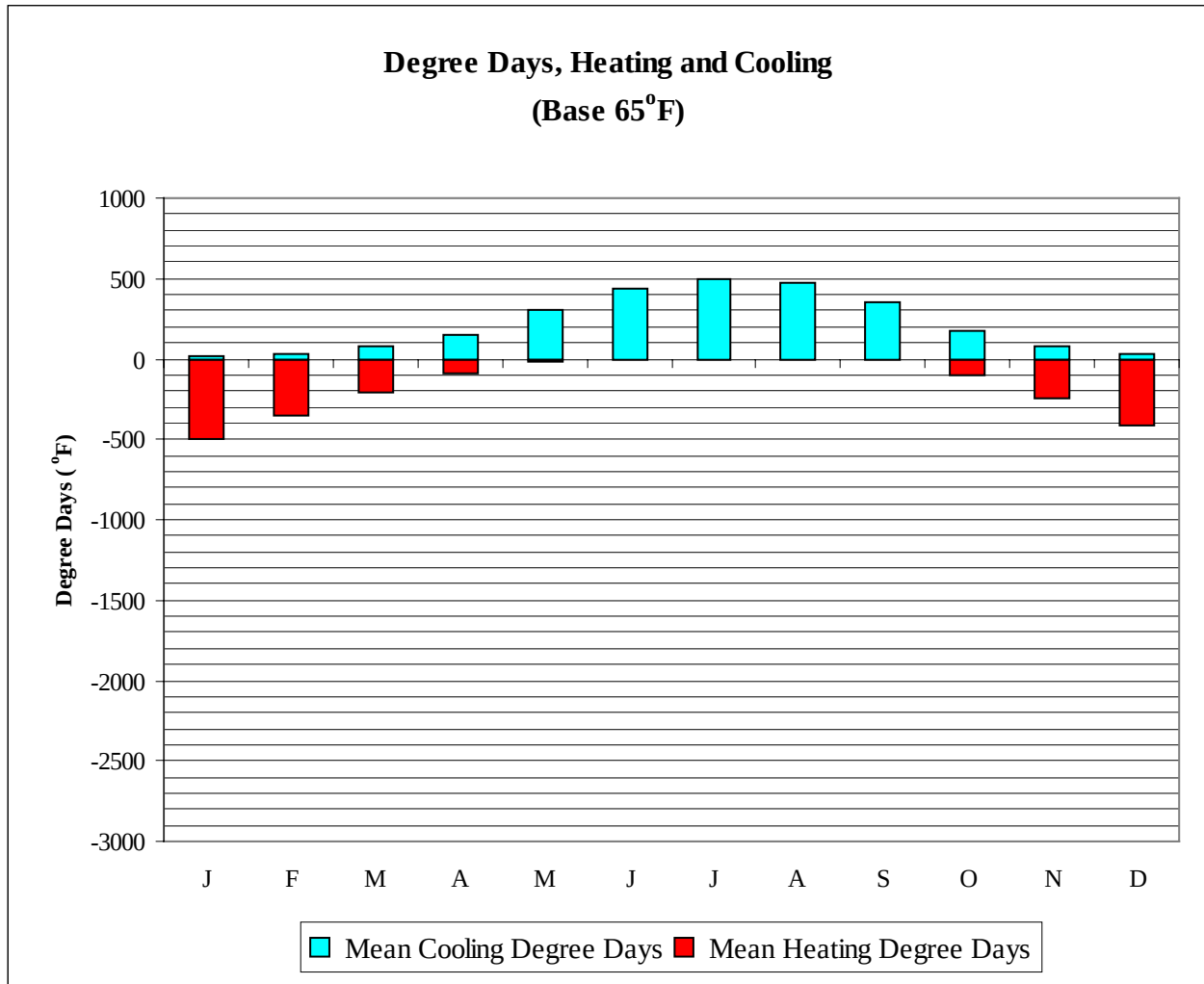


Long Term Humidity and Dry Bulb Temperature Summary

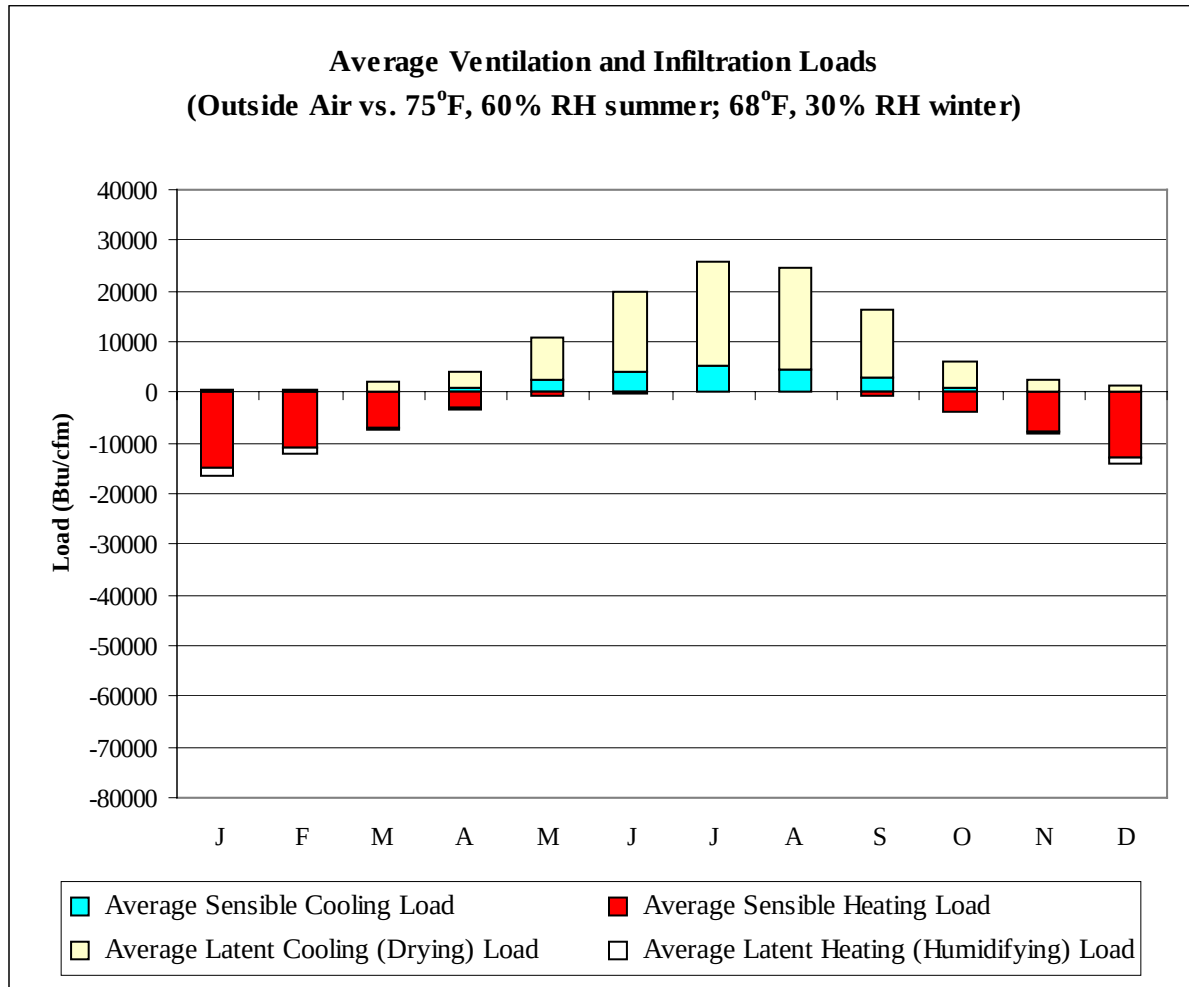


BATON ROUGE/RYAN**LA****WMO No. 722317****Long Term Dry Bulb Temperature and Humidity Summary**

Week Ending	1.0% Temp (°F)	MCWB @ 1% Temp (°F)	Mean Max Temp (°F)	Mean Min Temp (°F)	99% Temp (°F)	1.0% HR (gr/lb)	MCDB @ 1% HR (°F)	Mean Max HR (gr/lb)	Mean Min HR (gr/lb)
7-Jan	75.0	69.9	59.3	41.1	27.0	106.4	71.5	57.0	33.0
14-Jan	75.0	67.5	56.8	38.7	22.0	100.1	71.1	50.8	29.7
21-Jan	76.0	67.1	59.2	40.8	21.0	102.9	72.1	54.6	34.1
28-Jan	74.0	65.9	60.8	40.9	28.0	95.9	70.3	55.5	31.6
4-Feb	77.0	68.5	61.4	42.9	22.0	102.9	71.9	58.2	35.9
11-Feb	74.0	66.3	59.6	39.9	27.0	96.6	71.0	50.4	30.8
18-Feb	77.0	66.3	64.8	45.3	29.0	110.6	73.3	61.9	38.4
25-Feb	78.0	65.0	67.3	47.9	31.0	99.4	72.9	64.0	40.5
4-Mar	79.0	65.2	66.9	46.9	30.0	103.6	71.5	62.9	40.0
11-Mar	81.0	65.6	69.3	48.9	31.0	107.8	73.5	67.1	43.6
18-Mar	83.0	70.0	72.3	52.1	35.0	110.6	75.3	73.8	47.7
25-Mar	82.0	69.5	72.0	51.5	38.0	114.1	74.1	72.6	47.7
1-Apr	83.0	69.6	73.3	53.9	40.0	119.0	75.8	78.9	52.0
8-Apr	83.0	71.7	74.0	53.9	40.0	111.3	76.1	76.6	50.6
15-Apr	83.0	69.8	76.3	56.3	44.0	119.0	75.6	82.0	56.9
22-Apr	86.0	68.4	79.0	59.7	47.0	127.4	77.8	89.6	65.8
29-Apr	86.0	72.8	80.2	60.3	49.0	123.9	77.7	91.4	65.8
6-May	86.0	72.6	80.9	62.7	53.0	127.4	78.7	98.3	73.5
13-May	88.0	73.6	82.6	64.0	54.0	136.5	81.8	104.1	78.1
20-May	90.0	73.3	84.4	65.6	57.0	142.1	80.8	106.8	81.2
27-May	91.0	77.3	85.7	67.3	57.0	137.9	86.0	112.7	88.3
3-Jun	92.0	76.2	86.9	68.7	59.0	140.7	81.8	117.6	92.8
10-Jun	94.0	76.6	88.8	71.4	64.0	146.3	83.8	125.2	99.3
17-Jun	93.0	75.0	88.7	70.4	62.0	141.4	81.7	123.7	98.2
24-Jun	94.0	77.7	89.3	71.9	67.0	141.4	84.3	128.0	102.9
1-Jul	94.0	78.5	89.8	72.3	65.0	147.0	83.8	129.4	104.8
8-Jul	95.0	77.8	90.4	73.4	70.0	151.2	83.6	132.3	105.8
15-Jul	94.0	78.2	90.4	73.6	70.0	149.8	84.9	132.6	107.5
22-Jul	94.0	78.7	90.4	73.5	71.0	150.5	86.1	134.0	110.9
29-Jul	94.0	78.8	90.6	74.2	70.0	146.3	84.3	134.8	112.0
5-Aug	95.0	77.6	90.1	73.7	70.0	149.8	83.4	133.7	109.7
12-Aug	93.0	78.4	89.4	72.3	66.0	147.0	83.4	131.6	107.9
19-Aug	94.0	78.6	90.5	73.4	69.0	151.2	85.8	134.3	111.2
26-Aug	94.0	77.8	90.6	72.8	69.0	146.3	83.7	131.2	106.5
2-Sep	94.0	78.7	89.5	72.6	67.0	146.3	84.2	130.9	107.3
9-Sep	93.0	76.9	88.2	70.7	62.0	140.7	84.4	125.0	100.6
16-Sep	92.0	76.8	87.6	70.6	62.0	146.3	82.7	125.2	100.3
23-Sep	91.0	76.6	85.7	67.3	54.0	140.7	81.4	115.8	89.5
30-Sep	90.0	76.1	83.6	63.7	52.0	132.3	81.7	104.6	78.6
7-Oct	90.0	76.1	82.1	60.6	48.0	135.8	82.0	96.3	69.8
14-Oct	87.0	73.5	79.2	57.7	45.0	126.7	81.0	90.1	63.8
21-Oct	85.0	72.4	78.7	56.6	43.0	130.9	77.4	88.1	62.2
28-Oct	84.0	70.5	76.5	55.6	43.0	123.2	77.1	84.6	58.9
4-Nov	83.0	69.3	74.6	54.2	37.0	121.8	79.0	83.7	57.4
11-Nov	81.0	71.6	71.2	49.9	33.0	127.4	74.7	75.5	47.4
18-Nov	81.0	70.5	70.8	49.5	35.0	119.0	76.5	73.2	48.1
25-Nov	81.0	71.7	69.3	48.6	33.0	115.5	76.0	73.1	46.7
2-Dec	81.0	73.5	66.2	45.8	29.0	119.0	76.3	67.8	41.5
9-Dec	78.0	70.1	65.5	43.6	30.0	119.0	76.1	62.8	36.8
16-Dec	77.0	66.9	63.0	43.7	27.0	102.9	71.8	61.7	38.0
23-Dec	76.0	69.0	60.3	41.7	19.0	107.1	72.3	57.9	34.7
31-Dec	77.0	69.6	61.5	43.2	18.0	109.9	73.0	60.9	38.7



	Mean Cooling Degree Days (°F)	Mean Heating Degree Days (°F)
JAN	17	492
FEB	29	349
MAR	82	207
APR	155	85
MAY	306	15
JUN	434	1
JUL	500	0
AUG	471	0
SEP	354	11
OCT	173	100
NOV	73	243
DEC	31	416
ANN	2625	1919



	Average Sensible Cooling Load	Average Sensible Heating Load	Average Latent Cooling Load	Average Latent Heating Load
	(Btu/cfm)	(Btu/cfm)	(Btu/cfm)	(Btu/cfm)
JAN	16	-14933	555	-1703
FEB	37	-10877	646	-1154
MAR	258	-6941	1731	-434
APR	743	-3221	3262	-58
MAY	2306	-752	8628	0
JUN	4255	-87	15758	0
JUL	5227	-2	20714	0
AUG	4646	-18	19951	0
SEP	2983	-528	13448	0
OCT	989	-3632	4897	-35
NOV	225	-7909	2469	-444
DEC	41	-12813	1232	-1315
ANN	21726	-61713	93291	-5143

Average Annual Solar Radiation – Nearest Available Site

(Source: National Renewable Energy Laboratory, Golden CO, 1995)

City: BATON ROUGE
 State: LA
 WBAN No: 13970
 Lat(N): 30.53
 Long(W): 91.15
 Elev(ft): 75

Stn Type: Secondary
 SHADING GEOMETRY IN DIMENSIONLESS UNITS
 Window: 1
 Overhang: 0.898
 Vert Gap: 0.652

AVERAGE INCIDENT SOLAR RADIATION (Btu/sq.ft./day), Percentage Uncertainty = 9		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ	Global	840	1100	1390	1700	1870	1920	1810	1720	1520	1350	960	800	1420
	Std Dev	68	103	108	137	126	150	127	125	107	110	80	66	36
	Minimum	700	940	1190	1450	1670	1600	1620	1530	1280	1090	750	680	1340
	Maximum	990	1280	1650	2100	2170	2150	2120	1990	1710	1570	1090	940	1470
	Diffuse	410	490	600	710	820	870	870	800	680	500	420	370	630
Clear Day	Global	1280	1600	1990	2320	2500	2550	2490	2320	2020	1650	1310	1170	1930
NORTH	Global	250	310	380	450	550	620	570	480	410	340	270	240	410
	Diffuse	250	310	380	440	490	520	510	460	410	340	270	240	380
Clear Day	Global	230	290	350	430	580	690	630	490	400	320	250	230	410
EAST	Global	500	640	770	920	1000	1060	1020	1000	890	800	580	490	810
	Diffuse	300	360	450	530	600	630	620	580	510	420	330	280	470
Clear Day	Global	860	1020	1200	1310	1340	1340	1310	1260	1170	1010	850	790	1120
SOUTH	Global	1010	1090	1010	840	660	590	610	750	960	1250	1140	1060	910
	Diffuse	390	440	490	520	520	520	520	530	530	500	420	370	480
Clear Day	Global	2000	1900	1570	1090	750	630	680	930	1340	1710	1890	1960	1370
WEST	Global	530	680	830	960	1000	960	880	850	820	800	610	510	790
	Diffuse	300	370	460	540	600	620	600	570	510	420	330	280	470
Clear Day	Global	860	1020	1200	1310	1340	1340	1310	1260	1170	1010	850	790	1120

Average Annual Solar Heat and Illumination – Nearest Available Site

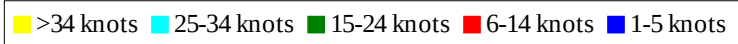
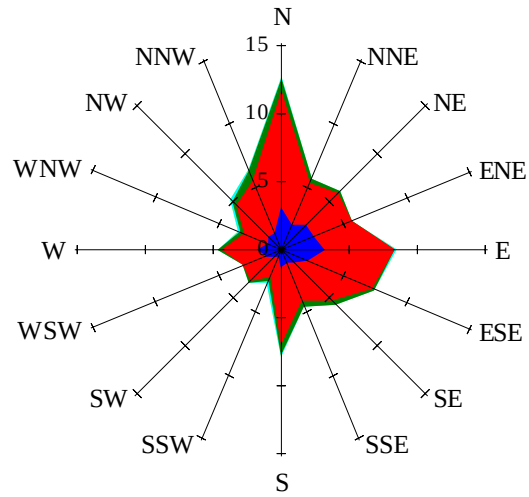
(Source: National Renewable Energy Laboratory, Golden CO, 1995)

AVERAGE TRANSMITTED SOLAR RADIATION (Btu/sq.ft./day) FOR DOUBLE GLAZING, Percentage Uncertainty = 9		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
HORIZ	Unshaded	570	770	1000	1240	1370	1400	1320	1250	1100	970	670	540	1020
NORTH	Unshaded	180	210	260	310	360	400	370	330	280	230	190	160	270
	Shaded	150	180	230	270	310	340	320	290	250	210	160	140	240
EAST	Unshaded	350	450	550	650	700	750	720	710	630	560	400	340	570
	Shaded	300	380	450	530	570	610	590	590	530	470	340	290	470
SOUTH	Unshaded	750	780	670	510	400	370	380	450	620	870	830	790	620
	Shaded	700	630	380	310	320	320	320	320	330	610	750	750	480
WEST	Unshaded	370	480	590	680	710	680	620	600	580	570	420	350	550
	Shaded	310	410	490	560	580	550	500	490	480	480	360	300	460

AVERAGE INCIDENT ILLUMINANCE (klux-hr) FOR MOSTLY CLEAR AND MOSTLY CLOUDY CONDITIONS, Percentage Uncertainty = 9		March					June				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	45	82	93	74	32	42	83	101	95	66
	M.Cloudy	24	48	57	44	19	30	61	75	69	45
NORTH	M.Clear	11	15	16	14	9	23	18	17	18	20
	M.Cloudy	10	17	18	15	8	17	18	18	19	17
EAST	M.Clear	79	59	16	14	9	69	72	32	18	16
	M.Cloudy	24	32	18	15	8	37	49	28	19	15
SOUTH	M.Clear	36	64	73	58	26	13	20	31	28	16
	M.Cloudy	15	34	41	31	13	11	20	27	25	15
WEST	M.Clear	11	15	23	70	70	13	18	17	52	75
	M.Cloudy	10	17	21	35	25	11	18	18	39	43
M.Clear	(% hrs)	34	33	32	34	39	50	39	33	32	31
		Sept					Dec				
		9am	11am	1pm	3pm	5pm	9am	11am	1pm	3pm	5pm
HORIZ.	M.Clear	29	72	92	84	50	25	56	63	43	7
	M.Cloudy	18	47	64	57	32	13	31	36	24	4
NORTH	M.Clear	9	16	18	17	13	7	12	13	10	3
	M.Cloudy	8	16	19	18	12	6	12	13	10	2
EAST	M.Clear	62	71	30	17	13	57	44	13	10	3
	M.Cloudy	22	40	26	18	12	13	20	13	10	2
SOUTH	M.Clear	18	49	65	59	33	49	83	90	70	17
	M.Cloudy	10	30	43	37	19	12	30	36	24	5
WEST	M.Clear	9	16	18	54	72	7	12	24	58	26
	M.Cloudy	8	16	19	36	34	6	12	17	21	6
M.Clear	(% hrs)	51	46	36	34	35	32	35	33	33	35

Wind Summary - December, January, and February

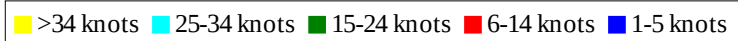
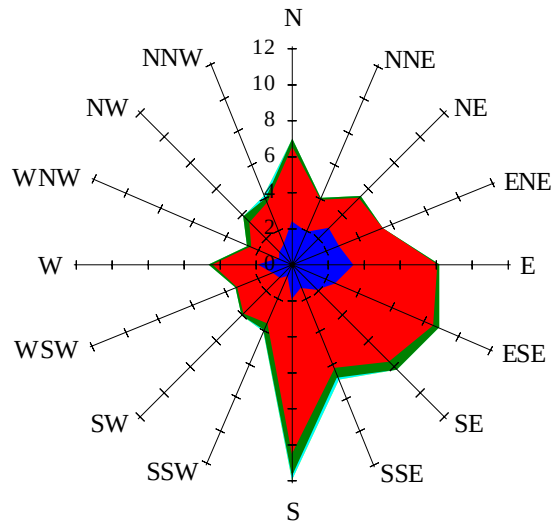
Labels of Percent Frequency on North Axis



Percent Calm = 9.88

Wind Summary - March, April, and May

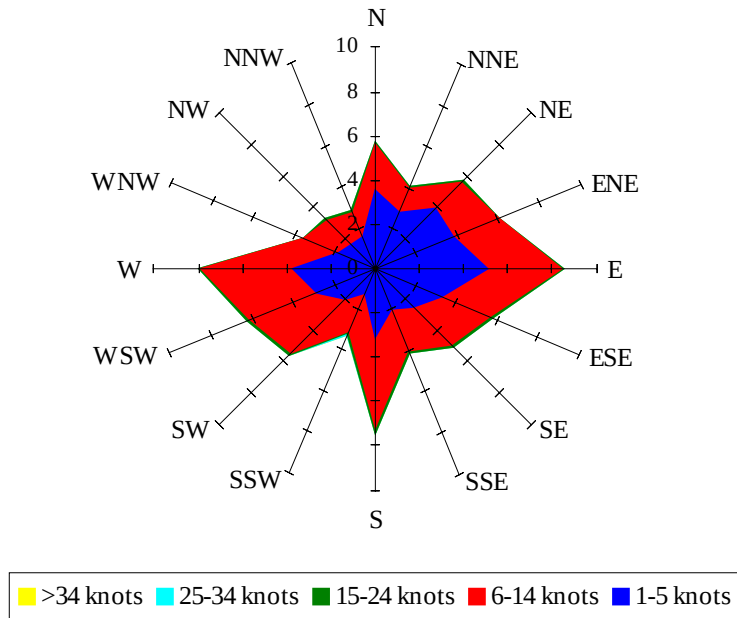
Labels of Percent Frequency on North Axis



Percent Calm = 9.05

Wind Summary - June, July, and August

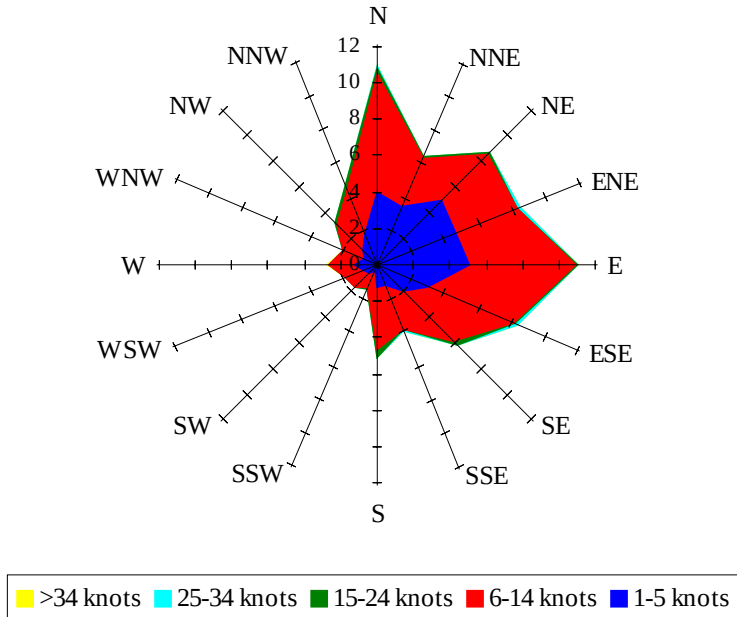
Labels of Percent Frequency on North Axis



Percent Calm = 15.88

Wind Summary - September, October, and November

Labels of Percent Frequency on North Axis



Percent Calm = 13.97